

## Engine

Model	220 D	240 D	300 D			
Chassis Type	115.110	115.117	123.123	115.114 123.130		
Engine	615.912	616.916	616.912	617.910 617.912		
Operation	Four-stroke diesel engine					
Number of cylinder	4		5			
Arrangement of cylinders	Upright in line					
Bore mm/in.	87/3.43	91/3.58 <sup>1)</sup>	90.90/3.58 <sup>2)</sup>			
Stroke mm/in.	92.4/3.64	92.4/3.64				
Total eff. piston displacement cm <sup>3</sup> /cu.in.	2197/ 134.1	2404/146.7 <sup>1)</sup> 2399/146.4 <sup>2)</sup>	3005/183.4 <sup>1)</sup> 2998/183 <sup>2)</sup>			
Compression ratio	21:1					
Firing order	1-3-4-2			1-2-4-5-3		
Max. engine rpm (no load)	4350	5400	5200	5100		
Engine output SAE net bhp/rpm	57/4200	62/4000	65/4200	77/4000		
Max. torque SAE net lb.ft./rpm	88/2400	97/2400	97/2400	115/2400		
Crankshaft bearings	5		6			
Valve arrangement	Overhead					
Camshaft arrangement	OHC					
Oil cooling	Air-oil cooler					
Cooling	Water circulation pump, thermostat with by-pass line, fan with viscous coupling, finned tube radiator					
Lubrication	Forced oil circulation via gear-type oil pump					
Oil filter	Combination full-flow by-pass filter					
Air filter	Oil bath		Paper cartridge			

<sup>1)</sup> Up to model year 1978

<sup>2)</sup> Starting model year 1979